

AF/TPW

PTO/SB/21 (04-07)

Approved for use through 09/30/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission **22**

Application Number	10/705,794
Filing Date	November 7, 2003
First Named Inventor	Toru Hirai
Art Unit	2644
Examiner Name	Walter R. Briney III

Attorney Docket Number **051270-0305144**

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return receipt postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name **PILLSBURY WINTHROP SHAW PITTMAN LLP**

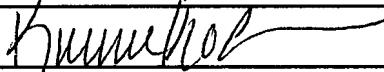
Signature 

Printed name **Mark R. Kendrick**

Date **June 28, 2007** Reg. No. **48,468**

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature 

Typed or printed name **Kumiko Alexander** Date **June 28, 2007**

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

Effective on 12/08/2004.
Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEES TRANSMITTAL For FY 2007

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)
0.00

Complete If Known

Application Number	10/705,794
Filing Date	November 7, 2003
First Named Inventor	Toru Hirai
Examiner Name	Walter F. Briney III
Art Unit	2644
Attorney Docket No.	051270-0305144

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____
 Deposit Account Deposit Account Number: 033975 Deposit Account Name: PILLSBURY WINTHROP et al.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		<u>Fees Paid (\$)</u>
	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEESFee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Fee (\$)</u>
- 20 or HP =	x	=		50	25	

HP = highest number of total claims paid for, if greater than 20.

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 3 or HP =	x	=		200	100	

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

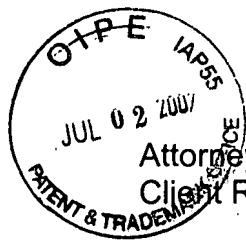
Other (e.g., late filing surcharge): _____

Fees Paid (\$)

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent) 48,468	Telephone 213.488.7253
Name (Print/Type)	Mark R. Kendrick		Date June 28, 2007

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Attorney's Docket 051270-0305144
Client Reference: H7729US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of:
HIRAI, et al.

Confirmation Number: 4793

Application No.: 10/705,794

Group Art Unit: 2644

Filed: November 7, 2003

Examiner: Walter F. Briney III

For: MULTI-CHANNEL ECHO CANCEL METHOD, MULTI-CHANNEL SOUND
TRANSFER METHOD, STEREO ECHO CANCELLER, STEREO SOUND TRANSFER
APPARATUS AND TRANSFER FUNCTION CALCULATION APPARATUS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT/RESPONSE TRANSMITTAL

Transmitted herewith is an amendment/response for this application.

FEES

The fee for claims and extension of time (37 C.F.R. 1.16 and 1.17) has been calculated
as shown below:

CLAIMS						ADDIT. FEE
REMAINING		HIGHEST NO.				
	AFTER AMENDMENT	PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE		
TOTAL	21	-	52	=	0	x \$ 50.00 = \$ 0.00
INDEP.	9	-	25	=	0	x \$ 200.00 = \$ 0.00
FIRST PRESENTATION OF MULTIPLE DEP.						+
CLAIM						\$ 360.00 = \$ 0.00
TOTAL ADDITIONAL CLAIM FEE						\$ 0.00
GRAND TOTAL						\$ 0.00

FEE PAYMENT

Authorization is hereby made to charge the amount of \$0.00 to Deposit Account No. 033975. Charge any additional fees required by this paper or credit any overpayment in the manner authorized above. A duplicate of this paper is attached.

Date: June 28, 2007

PILLSBURY WINTHROP SHAW PITTMAN LLP
725 South Figueroa Street
Suite 2800
Los Angeles, CA 90017-5406
213 488-7253

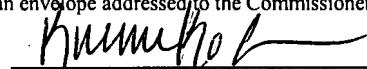


MARK R. KENDRICK
Reg. No. 48,468

CERTIFICATION UNDER 37 C.F.R. § 1.8 and/or 1.10*

(When using Express Mail, the Express Mail label number is *mandatory*; *Express Mail certification is optional*.)

I hereby certify that, on the date shown below, this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Signature

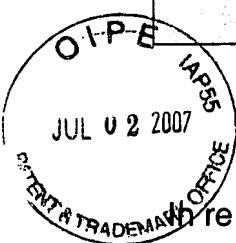
KUMIKO ALEXANDER

(type or print name of person certifying)

Date: June 28, 2007

* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

AMENDMENT UNDER 37 C.F.R. § 1.116 — EXPEDITED PROCEDURE
EXAMINATION GROUP 2644



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re application of:
Hirai, et al.
Serial No: 10/705,794
Filed: November 7, 2003
For: MULTI-CHANNEL ECHO CANCEL
METHOD, MULTI-CHANNEL SOUND
TRANSFER METHOD, STEREO ECHO
CANCELLER, STEREO SOUND TRANSFER
APPARATUS AND TRANSFER FUNCTION
CALCULATION APPARATUS

) Art Unit: 2644
) Examiner: Walter F. Briney III

I hereby certify that this correspondence is
being deposited with the United States Postal
Service with sufficient postage as first class
mail in an envelope addressed to:
Hon. Commissioner for Patents, P.O. Box
1450, Alexandria, VA 22313-1450, on

June 28, 2007

Date of Deposit

Mark Kendrick

Name

 06/28/2007
Signature Date

AMENDMENT UNDER 37 C.F.R. 1.116 (RULE 116 AMENDMENT) IN RESPONSE TO
FINAL OFFICE ACTION

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Examiner Briney III:

In response to the Final Office Action dated April 10, 2007 in connection with the
above-identified application, please amend the above-referenced application as follows.